

provided with a housing, and a rolling bearing is provided between the housing and a shaft.

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cancel.

[On Page 1, please amend the third paragraph as follows:]

Conventionally, an adhesive is used to fix the rolling bearing between the shaft and the housing in the office automation devices. For example, in order that the inner race is fixed to the shaft, a groove is formed around the shaft, and the adhesive is provided between the groove and the inner peripheral surface of the inner race, so that the uniform bonding is made in the circumferential direction.

On Page 7, please amend the second paragraph as follows:

a²

The number (P) of the knurled grooves 31 is related with the number (Z = 8) of the balls (rolling members) 41 of the ball bearing 4 and the relation is given in the equation of $P = 2Z + 2$. Filled in between the knurled grooves 31 and the inner peripheral surface of the inner race 42 is an adhesive 32, for example, an anaerobic adhesive which is hardened to fix the inner race 42 to the shaft 3. The outer race 43 is inserted into and fixed to the sleeve 11 by press-fitting.

On Page 8, please amend the first paragraph as follows:

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Incidentally, in this embodiment, only the outer peripheral surface of the shaft 3 is formed with the knurled grooves 31 satisfying the present invention in number so as to bond the shaft 3 to the inner race 42. In addition to this, the inner peripheral surface of the sleeve 11 may be formed with the knurled grooves 31 satisfying the present invention in number so as to bond the sleeve (housing) 11 to the outer race 43. Or, only the inner peripheral surface of the sleeve 11